

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2010 Levee Inspection Results

City of Sacramento

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

City of Sacramento

| Waterway | | Bank | Unit Miles |
|--------------------------------|--|------|------------|
| Unit No. 01 City of Sacramento | | Left | 3.63 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|----------------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 4/30/2010 - 4/30/2010 | | | |
| DWR Inspector | John Williamson | | | |
| Accompanied By | Jeff Heard City of Sacramento | | | |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

City of Sacramento

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | | Inspector |
|--------------------------------|------------|------|---------------|----------------------|----------|--------|--|------------------------------|------------------------------|-----------|--------------------|
| Unit No. 01 City of Sacramento | | | | | | | Left | 3.63 | 04/30/2010 04/30/2010 | | John Williamson |
| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | Photo | |
| 1 | 0.14 | 0.14 | Earthen Levee | Encroachments | WS | PO | Buildings Inspector Comments: state recorder can(DWR) fenced area | 38.588715 ° -121.504885 ° | 38.588715 ° -121.504885 ° | 1 Y | |
| 2 | 0.16 | 0.16 | Earthen Levee | Encroachments | WS | PO | Buildings Inspector Comments: historical building | 38.588425 ° -121.504860 ° | 38.588425 ° -121.504860 ° | 2 Y | |
| 3 | 0.37 | 0.73 | Earthen Levee | Encroachments | CR | PO | Buildings Inspector Comments: This is Old Sacramento a flood wall is in place. This part is a walking inspection. | 38.585525 ° -121.505338 ° | 38.580445 ° -121.506966 ° | 14 | |
| 4 | 0.78 | 0.78 | Earthen Levee | Encroachments | CR | PO | Buildings Inspector Comments: Embassy Suites | 38.579712 ° -121.507347 ° | 38.579712 ° -121.507347 ° | 4 Y | |
| 5 | 0.78 | 0.93 | Earthen Levee | Encroachments | CR | PO | Landscaping Inspector Comments: River walk along the water front | 38.579705 ° -121.507360 ° | 38.577740 ° -121.508147 ° | 5 Y | |
| 6 | 1.33 | 1.40 | Supplemental | USACE Erosion Survey | WS | M | Inspector Comments: 2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC_58-4_L] | 38.573133 ° -121.512278 ° | 38.572342 ° -121.513175 ° | 15 Y | |
| 7 | 1.52 | 1.52 | Earthen Levee | Encroachments | CR | PO | Buildings | 38.572267 ° -121.512312 ° | 38.572267 ° -121.512312 ° | 11 Y | |
| 8 | 1.54 | 1.54 | Earthen Levee | Encroachments | CR | M | Equipment Inspector Comments: This area is a concern due to work the COE did at Pioneer Reservoir with a stability berm and monitoring wells on the land side. This is due to the levee seepage. The concern is that the weight of the train cars may cause problems. Total eight cars. | 38.571495 ° -121.513615 ° | 38.571495 ° -121.513615 ° | 12 Y | |
| 9 | 1.73 | 1.96 | Earthen Levee | Encroachments | CR | W | Equipment Inspector Comments: Levee is oversize with railroad tracks and paved parking this area is Miller Park | 38.568172 ° -121.516042 ° | 38.564882 ° -121.516265 ° | 6 Y | |
| 10 | 1.96 | 2.34 | Earthen Levee | Encroachments | CR | W | Equipment Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside this is Miller Park Marina area. | 38.564900 ° -121.516253 ° | 38.559460 ° -121.515085 ° | 7 Y | |
| 11 | 2.37 | 3.61 | Earthen Levee | Vegetation | LS | M | Control annual grass and weeds on the levee slopes and easements. | 38.559126 ° -121.514775 ° | 38.541425 ° -121.511239 ° | 3 | |
| 12 | 2.37 | 3.61 | Earthen Levee | Vegetation | WS | M | Control annual grass and weeds on the levee slopes and easements. | 38.559122 ° -121.514771 ° | 38.541427 ° -121.511238 ° | 9 | |
| 13 | 2.45 | 2.45 | Earthen Levee | Vegetation | LS | W | Elderberries are blocking visibility and flood fight capability. | 38.557937 ° -121.514237 ° | 38.557937 ° -121.514237 ° | 8 | |
| 14 | 2.90 | 2.90 | Earthen Levee | Encroachments | CR | PO | Buildings | 38.551810 ° -121.511838 ° | 38.551810 ° -121.511838 ° | 10 Y | |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

City of Sacramento

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 City of Sacramento | Left | 3.63 | 04/30/2010 04/30/2010 | John Williamson |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.14 |
| End Levee Mile | 0.14 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |

Recorder can (DWR)

johnngw_s_20100316_006.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.14 |
| End Levee Mile | 0.14 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |

I Street recorder can

johnngw_s_20100316_007.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.16 |
| End Levee Mile | 0.16 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |

Historical Building : State Parks & Recreations

johnngw_s_20100316_008.jpg

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Levee Inspection Report By Mile - Spring 2010

City of Sacramento

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|--------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 City of Sacramento | Left | 3.63 | 04/30/2010 04/30/2010 | John Williamson |

| | |
|---|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.16 |
| End Levee Mile | 0.16 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Historical Building with foundations and Ramps on upstream and downstream sides | |
| johnngw_s_20100316_009.jpg | |



| | |
|----------------------------|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.78 |
| End Levee Mile | 0.78 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| Embassy Suites | |
| johnngw_s_20100316_010.jpg | |



| | |
|-----------------------------------|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.78 |
| End Levee Mile | 0.93 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| River walk crown with landscaping | |
| johnngw_s_20100316_011.jpg | |

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| Unit No. 01 City of Sacramento | Left | 3.63 | 04/30/2010 04/30/2010 | John Williamson |

| | |
|--|----------------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 1.33 |
| End Levee Mile | 1.40 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| 2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC_58-4_L] | |
| USACE2009_SAC_58-4_L_2009_09_17-D3P09_small.JPG | |



| | |
|--|---------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 1.52 |
| End Levee Mile | 1.52 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| Storage bins on tracks placed by Railroad Museum | |
| johnwg_s_20100316_015.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 1.54 |
| End Levee Mile | 1.54 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| Picture of most of the train cars City of Sacramento is concerned about the weight of the cars on the levee This area has a seepage problem | |
| johnwg_s_20100316_016.jpg | |

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| | |
|------------------------|---------------|
| Levee Mile Report Line | 9 |
| Start Levee Mile | 1.73 |
| End Levee Mile | 1.96 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |

Miller Park at Broadway railroad track and parking area on levee

johngw_s_20100316_012.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 10 |
| Start Levee Mile | 1.96 |
| End Levee Mile | 2.34 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |

Railroad tracks on levee crown street to boat ramp

johngw_s_20100316_013.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 14 |
| Start Levee Mile | 2.90 |
| End Levee Mile | 2.90 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |

pump station city of Sacramento crown of levee waterside

johngw_s_20100316_014.jpg



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